

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---------------------------|------------------|---------|---------------------|
| L3    | 32   | US-D357735-\$.D.I.D. OR<br>US-2720881-\$.D.I.D. OR<br>US-3113586-\$.D.I.D. OR<br>US-3159175-\$.D.I.D. OR<br>US-3621557-\$.D.I.D. OR<br>US-3673612-\$.D.I.D. OR<br>US-4072146-\$.D.I.D. OR<br>US-4142525-\$.D.I.D. OR<br>US-4405316-\$.D.I.D. OR<br>US-4434810-\$.D.I.D. OR<br>US-4468224-\$.D.I.D. OR<br>US-4543087-\$.D.I.D. OR<br>US-4616768-\$.D.I.D. OR<br>US-4673393-\$.D.I.D. OR<br>US-4681572-\$.D.I.D. OR<br>US-4552553-\$.D.I.D. OR<br>US-4790832-\$.D.I.D. OR<br>US-4798594-\$.D.I.D. OR<br>US-4801297-\$.D.I.D. OR<br>US-4944726-\$.D.I.D. OR<br>US-4946448-\$.D.I.D. OR<br>US-5030210-\$.D.I.D. OR<br>US-5098405-\$.D.I.D. OR<br>US-5125893-\$.D.I.D. OR<br>US-5147332-\$.D.I.D. OR<br>US-5149327-\$.D.I.D. OR<br>US-5169393-\$.D.I.D. OR<br>US-5176652-\$.D.I.D. | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2011/10/11<br>08:19 |
| L4    | 28   | US-5201722-\$.D.I.D. OR<br>US-5254086-\$.D.I.D. OR<br>US-5330424-\$.D.I.D. OR<br>US-5336203-\$.D.I.D. OR<br>US-5360407-\$.D.I.D. OR<br>US-5370624-\$.D.I.D. OR<br>US-5399168-\$.D.I.D. OR<br>US-5401255-\$.D.I.D. OR<br>US-5405340-\$.D.I.D. OR<br>US-5411491-\$.D.I.D. OR<br>US-5454784-\$.D.I.D. OR<br>US-5469805-\$.D.I.D. OR<br>US-5470305-\$.D.I.D. OR<br>US-5484420-\$.D.I.D. OR<br>US-5542923-\$.D.I.D. OR<br>US-5554136-\$.D.I.D. OR<br>US-5562618-\$.D.I.D. OR<br>US-5571093-\$.D.I.D. OR<br>US-5575769-\$.D.I.D. OR<br>US-5619393-\$.D.I.D. OR  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2011/10/11<br>08:19 |

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|----|----|---|---------------------------|----|----|---------------------|
|    |    | US-5624395-\$.DID. OR<br>US-5637099-\$.DID. OR<br>US-5667500-\$.DID. OR<br>US-5743873-\$.DID. OR<br>US-5743884-\$.DID. OR<br>US-5743894-\$.DID. OR<br>US-5752938-\$.DID. OR<br>US-5803078-\$.DID.   |                           |    |    |                     |
| L5 | 28 | US-5807349-\$.DID. OR<br>US-5843044-\$.DID. OR<br>US-5853397-\$.DID. OR<br>US-5865308-\$.DID. OR<br>US-6033393-\$.DID. OR<br>US-6045734-\$.DID. OR<br>US-6050934-\$.DID. OR<br>US-6062244-\$.DID. OR<br>US-6092551-\$.DID. OR<br>US-6120483-\$.DID. OR<br>US-6227200-\$.DID. OR<br>US-6270489-\$.DID. OR<br>US-6364861-\$.DID. OR<br>US-6364867-\$.DID. OR<br>US-6375637-\$.DID. OR<br>US-6436077-\$.DID. OR<br>US-6442415-\$.DID. OR<br>US-6446671-\$.DID. OR<br>US-6508791-\$.DID. OR<br>US-6551270-\$.DID. OR<br>US-6786884-\$.DID. OR<br>US-6953450-\$.DID. OR<br>US-6874999-\$.DID. OR<br>US-6994314-\$.DID. OR<br>US-7252652-\$.DID. OR<br>US-7291133-\$.DID. OR<br>US-7316655-\$.DID. OR<br>US-7435236-\$.DID. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/10/11<br>08:19 |
| L6 | 25 | US-7601141-\$.DID. OR<br>US-7637893-\$.DID. OR<br>US-7758541-\$.DID. OR<br>US-20010023333-\$.DID.<br>OR US-20010037079-\$.<br>DID. OR US-<br>20020016584-\$.DID. OR<br>US-20020165492-\$.DID.<br>OR US-20020193752-\$.<br>DID. OR US-<br>20030122095-\$.DID. OR<br>US-20040034324-\$.DID.<br>OR US-20040064128-\$.<br>DID. OR US-<br>20040193119-\$.DID. OR<br>US-20040267185-\$.DID.<br>OR US-20050043703-\$.<br>DID. OR US-<br>20050149116-\$.DID. OR<br>US-20050171490-\$.DID.<br>OR US-20050171510-\$.DID.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/10/11<br>08:20 |

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|-----|------|--|--|----|-----|---------------------|
|     |      | DID. OR US-<br>20050283122-\$.DID. OR<br>US-20060129092-\$.DID.<br>OR US-20060135949-\$.<br>DID. OR US-<br>20060149211-\$.DID. OR<br>US-20070161970-\$.DID.<br>OR US-20070276313-\$.<br>DID. OR US-<br>20080108956-\$.DID. OR<br>US-20090292252-\$.DID.  |  |    |     |                     |
| S1  | 9    | ((KARLA) near2<br>(WEAVER)).INV.   | US-PGPUB;<br>USPAT; USOCR                                | OR | ON  | 2007/09/13<br>14:54 |
| S2  | 0    | ((KARLA) near2<br>(WEAVER)).INV.   | EPO; JPO;<br>DERWENT                                     | OR | ON  | 2007/09/13<br>14:55 |
| S3  | 84   | ((PAUL) near2<br>(DICARLO)).INV.   | US-PGPUB;<br>USPAT; USOCR                                | OR | ON  | 2007/09/17<br>08:19 |
| S4  | 16   | ((PAUL) near2<br>(DICARLO)).INV.   | EPO; JPO;<br>DERWENT                                     | OR | ON  | 2007/09/13<br>14:55 |
| S5  | 29   | ("2121530"  <br>"20050010176"  <br>"20050027261"  <br>"3159175"   "3477438"  <br>"3514438"   "3525357"  <br>"3669323"   "3674183"  <br>"3811466"   "3955594"  <br>"4447237"   "4610665"  <br>"4692146"   "5009391"  <br>"5084015"   "5143853"  <br>"5167638"   "5205834"  <br>"5249598"   "5396925"  <br>"5453097"   "5707357"  <br>"6056717"   "6152909"  <br>"6210366"   "6306124"  <br>"6610031"   "6726063").<br>PN. | US-PGPUB;<br>USPAT                                       | OR | ON  | 2007/09/19<br>08:09 |
| S6  | 5812 | scimed adj life adj<br>systems.as.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2007/09/13<br>15:05 |
| S8  | 1    | 10/768479.app.   | US-PGPUB;<br>USPAT                                       | OR | ON  | 2007/09/13<br>15:11 |
| S25 | 1    | ("20050171490").PN.  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/09/14<br>14:00 |
| S31 | 0    | ("11/417842"<br>"11/424625" "11/503749"<br>"11/507180" "11/776135"<br>"11/891793" "11/428979"<br>"11/456969"<br>"11/763602").app.  | US-PGPUB;<br>USPAT; USOCR                                | OR | ON  | 2007/09/17<br>09:52 |

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| S32 | 676  | boston adj scientific adj<br>scimed.as.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2007/09/17<br>09:59 |
| S33 | 50   | ("5486159" "5221256"<br>"5919224" "6193748"<br>"5573007" "5947953"<br>"6190349" "4322680"<br>"4830013" "4834101"<br>"4841974" "4928694"<br>"4934369" "5186713"<br>"5234411" "5360401"<br>"5549555" "5653689"<br>"5755773" "5807329"<br>"5928132" "6102848"<br>"6179806" "4307722"<br>"4552555" "4576590"<br>"4795427" "4832688"<br>"4850958" "4871360"<br>"4954130" "4995268"<br>"5219326" "5225063"<br>"5234410" "5306255"<br>"5318531" "5336164"<br>"5376069" "5405472"<br>"5411550" "5413549"<br>"5419763" "5419765"<br>"5470314" "5487727"<br>"5551425" "5681308"<br>"5769846" "5779685" ).<br>pn. | US-PGPUB;<br>USPAT                                       | OR | ON | 2007/09/17<br>11:16 |
| S34 | 5812 | scimed adj life adj<br>systems.as.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2007/09/17<br>12:22 |
| S36 | 1039 | S34 and (membrane or<br>slit or (pressure and<br>valve))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2007/09/17<br>12:24 |
| S37 | 631  | 604/247.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2007/09/17<br>13:28 |
| S38 | 230  | 604/537.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2007/09/17<br>15:52 |
| S39 | 137  | 604/167.04.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2007/09/17<br>16:06 |
| S40 | 208  | 604/167.03.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2007/09/17<br>16:18 |

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| S41 | 80   | 604/237.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2007/09/17<br>16:33 |
| S42 | 27   | 604/536.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2007/09/17<br>16:38 |
| S43 | 90   | 604/534.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2007/09/17<br>16:39 |
| S44 | 711  | 604/533.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2007/09/18<br>07:15 |
| S45 | 132  | 604/167.02.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2007/09/18<br>07:54 |
| S46 | 484  | 604/249.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2007/09/18<br>08:03 |
| S47 | 149  | 604/535.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2007/09/18<br>08:45 |
| S48 | 339  | 604/248.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2007/09/18<br>08:50 |
| S49 | 172  | 604/167.01.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2007/09/18<br>09:01 |
| S50 | 275  | 604/236.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2007/09/18<br>09:22 |
| S51 | 163  | (pressure activated safety valve) or (PASV)                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | ADJ  | ON | 2007/09/18<br>09:32 |
| S55 | 7055 | "604".clas. and valve (seat or seated or mount or mounted or mounting or rib) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2007/09/18<br>09:36 |

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| S56 | 5900 | "604".clas. and (valve (seat or seated or mount or mounted or mounting or rib)) and (membrane or diaphragm or slit or member)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON  | 2007/09/18<br>09:39 |
| S57 | 5703 | "604".clas. and (valve (seat or seated or mount or mounted or mounting or rib)) and (membrane or diaphragm or slit or member) and (pressure or fluid)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON  | 2007/09/18<br>09:39 |
| S58 | 200  | (slit adj (membrane or diaphragm)) valve   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON  | 2007/09/18<br>09:40 |
| S59 | 1    | ("5944698").PN.  | US-PGPUB;<br>USPAT                                       | OR   | OFF | 2007/09/18<br>13:44 |
| S63 | 9    | ((KARLA) near2 (WEAVER)).INV.  | US-PGPUB;<br>USPAT; USOCR                                | OR   | ON  | 2008/02/14<br>14:31 |
| S65 | 0    | ((KARLA) near2 (WEAVER)).INV.  | EPO; JPO;<br>DERWENT                                     | OR   | ON  | 2008/02/14<br>14:31 |
| S67 | 90   | ((PAUL) near2 (DICARLO)).INV.  | US-PGPUB;<br>USPAT; USOCR                                | OR   | ON  | 2008/02/14<br>14:31 |
| S69 | 18   | ((PAUL) near2 (DICARLO)).INV.  | EPO; JPO;<br>DERWENT                                     | OR   | ON  | 2008/02/14<br>14:31 |
| S72 | 81   | ("2121530"  <br>"20050010176"  <br>"20050027261"  <br>"3159175"   "3477438"  <br>"3514438"   "3525357"  <br>"3669323"   "3674183"  <br>"3811466"   "3955594"  <br>"4447237"   "4610665"  <br>"4692146"   "5009391"  <br>"5084015"   "5143853"  <br>"5167638"   "5205834"  <br>"5249598"   "5396925"  <br>"5453097"   "5707357"  <br>"6056717"   "6152909"  <br>"6210366"   "6306124"  <br>"6610031"   "6726063").<br>PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON  | 2008/02/14<br>14:32 |
| S73 | 859  | boston adj scientific adj<br>scimed.as.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON  | 2008/02/14<br>14:32 |

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| S74 | 50   | ("5486159" "5221256"<br>"5919224" "6193748"<br>"5573007" "5947953"<br>"6190349" "4322680"<br>"4830013" "4834101"<br>"4841974" "4928694"<br>"4934369" "5186713"<br>"5234411" "5360401"<br>"5549555" "5653689"<br>"5755773" "5807329"<br>"5928132" "6102848"<br>"6179806" "4307722"<br>"4552555" "4576590"<br>"4795427" "4832688"<br>"4850958" "4871360"<br>"4954130" "4995268"<br>"5219326" "5225063"<br>"5234410" "5306255"<br>"5318531" "5336164"<br>"5376069" "5405472"<br>"5411550" "5413549"<br>"5419763" "5419765"<br>"5470314" "5487727"<br>"5551425" "5681308"<br>"5769846" "5779685" ).<br>pn. | US-PGPUB;<br>USPAT                                       | OR | ON | 2008/02/14<br>14:33 |
| S76 | 5852 | scimed adj life adj<br>systems.as.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/14<br>14:34 |
| S77 | 2321 | S76 and (membrane or<br>slit or pressure or valve)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/14<br>14:34 |
| S79 | 1084 | S76 and (membrane or<br>slit or (pressure and<br>valve))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/14<br>14:34 |
| S81 | 640  | 604/247.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/14<br>14:34 |
| S85 | 233  | 604/537.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/14<br>14:34 |
| S87 | 140  | 604/167.04.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/14<br>14:34 |
| S89 | 214  | 604/167.03.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/14<br>14:35 |

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| S91  | 80     | 604/237.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2008/02/14<br>14:35 |
| S93  | 27     | 604/536.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2008/02/14<br>14:35 |
| S95  | 91     | 604/534.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2008/02/14<br>14:35 |
| S97  | 140    | 604/167.02.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2008/02/14<br>14:35 |
| S99  | 6034   | "604".clas. and (valve<br>(seat or seated or mount<br>or mounted or mounting<br>or rib)) and (membrane<br>or diaphragm or slit or<br>member) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/02/14<br>14:35 |
| S101 | 153    | 604/535.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2008/02/14<br>14:35 |
| S103 | 343    | 604/248.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2008/02/14<br>14:35 |
| S105 | 178    | 604/167.01.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2008/02/14<br>14:35 |
| S107 | 277    | 604/236.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | ON | 2008/02/14<br>14:35 |
| S109 | 164    | (pressure activated safety<br>valve) or (PASV)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | ADJ  | ON | 2008/02/14<br>14:35 |
| S111 | 669349 | valve (seat\$2 or mount\$3<br>or rib)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/02/14<br>14:36 |
| S113 | 4500   | "604".clas. and valve<br>(seat or seated or<br>mountor mounted or<br>mounting or rib)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/02/14<br>14:36 |

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| S115 | 7215 | "604".clas. and valve<br>(seat or seated or mount<br>or mounted or mounting<br>or rib)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON  | 2008/02/14<br>14:36 |
| S118 | 5836 | "604".clas. and (valve<br>(seat or seated or mount<br>or mounted or mounting<br>or rib)) and (membrane<br>or diaphragm or slit or<br>member) and (pressure<br>or fluid)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON  | 2008/02/14<br>14:36 |
| S120 | 202  | (slit adj (membrane or<br>diaphragm)) valve   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON  | 2008/02/14<br>14:36 |
| S122 | 6    | US-5944698-\$.D.I.D. OR<br>US-5000745-\$.D.I.D. OR<br>US-7081106-\$.D.I.D.  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                    | OR   | ON  | 2008/02/14<br>14:39 |
| S123 | 1    | ("20050049555").PN.   | US-PGPUB;<br>USPAT; USOCR                                | OR   | OFF | 2008/02/14<br>14:39 |
| S124 | 2    | "US 20050171490"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                    | OR   | ON  | 2008/07/17<br>07:35 |
| S125 | 97   | ("0274447"   "0703101"  <br>"0996588"   "1367793"  <br>"2069105"   "2629393"  <br>"2793649"   "2941544"  <br>"2969066"   "3007527"  <br>"3020913"   "3111125"  <br>"3566875"   "3620500"  <br>"3654932"   "3662955"  <br>"3811466"   "3865236"  <br>"3885561"   "3888249"  <br>"3899135"   "4084606"  <br>"4141379"   "4143853"  <br>"4178643"   "4327722"  <br>"4341239"   "4381591"  <br>"4387879"   "4430081"  <br>"4431426"   "4434810"  <br>"4475898"   "4501300"  <br>"4529399"   "4534759"  <br>"4535818"   "4535819"  <br>"4535820"   "4549879"  <br>"4559046"   "4566493"  <br>"4605395"   "4621654"  <br>"4671796"   "4683916"  <br>"4699617"   "4701166"  <br>"4737152"   "4753640"  <br>"4781673"   "4781674"  <br>"4834705"   "4883456"  <br>"4885002"   "4895346"  <br>"4904236"   "4904245"  <br>"4941149"   "4946448"  <br>"4946449"   "4968294"  <br>"4969870"   "5006115" | US-PGPUB;<br>USPAT; USOCR                                | OR   | ON  | 2008/07/17<br>07:44 |

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|      |      | "5009391").PN. OR<br>("5205834").URPN.   |  |    |    |                     |
| S126 | 65   | dikeman.inv.   | US-PGPUB;<br>USPAT; USOCR                                | OR | ON | 2008/07/17<br>07:50 |
| S127 | 654  | 604/247.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/22<br>08:38 |
| S128 | 597  | 604/167.01-167.04.ccls.<br>not 604/247.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/22<br>08:38 |
| S129 | 637  | 604/236,237,248.ccls. not<br>604/167.01-167.04.ccls.<br>not 604/247.ccls.                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/22<br>08:39 |
| S130 | 420  | 604/534-537.ccls. not<br>604/236,237,248.ccls. not<br>604/167.01-167.04.ccls.<br>not 604/247.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/22<br>08:39 |
| S131 | 9    | ((KARLA) near2<br>(WEAVER)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/22<br>08:40 |
| S132 | 118  | ((PAUL) near2<br>(DICARLO)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/22<br>08:40 |
| S133 | 5888 | scimed adj life adj<br>systems.as.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/22<br>08:40 |
| S134 | 1094 | S133 and (membrane or<br>slit or (pressure and<br>valve))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/22<br>08:40 |
| S136 | 2    | "US 20050171490"   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                    | OR | ON | 2009/02/13<br>07:49 |
| S137 | 11   | ((KARLA) near2<br>(WEAVER)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/02/23<br>09:08 |
| S139 | 122  | ((PAUL) near2<br>(DICARLO)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/02/23<br>09:08 |
| S141 | 5911 | scimed adj life adj<br>systems.as.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/02/23<br>09:09 |

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| S142 | 1100 | S141 and (membrane or slit or (pressure and valve))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/02/23<br>09:09 |
| S144 | 664  | 604/247.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/02/23<br>09:16 |
| S146 | 620  | 604/167.01-167.04.ccls.<br>not 604/247.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/02/23<br>09:16 |
| S148 | 646  | 604/236,237,248.ccls. not<br>604/167.01-167.04.ccls.<br>not 604/247.ccls.                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/02/23<br>09:16 |
| S150 | 441  | 604/534-537.ccls. not<br>604/236,237,248.ccls. not<br>604/167.01-167.04.ccls.<br>not 604/247.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/02/23<br>09:16 |
| S152 | 12   | ((KARLA) near2<br>(WEAVER)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/08/19<br>08:07 |
| S154 | 131  | ((PAUL) near2<br>(DICARLO)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/08/19<br>08:07 |
| S156 | 678  | 604/247.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/08/19<br>08:10 |
| S158 | 12   | ((KARLA) near2<br>(WEAVER)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2010/05/05<br>15:38 |
| S160 | 142  | ((PAUL) near2<br>(DICARLO)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2010/05/05<br>15:38 |
| S162 | 698  | 604/247.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2010/05/05<br>15:38 |
| S164 | 7    | ("4424058"   "Re26235").<br>PNL OR ("5984902").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR                                | OR | ON | 2011/01/18<br>12:39 |
| S165 | 0    | "604".clas. and (slit with<br>vlave) and (slit with<br>plurality)                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>12:39 |

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| S166 | 246 | "604".clas. and (slit with valve) and (slit with plurality)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>12:40 |
| S167 | 57  | ("2720881"  <br>"20020121530"  <br>"20040186444"  <br>"20040186444"  <br>"20050027261"  <br>"3159175"   "3525357"  <br>"3669323"   "3674183"  <br>"3811466"   "4447237"  <br>"4692146"   "5084015"  <br>"5167638"   "5205834"  <br>"5396925"   "5707357"  <br>"5707357"   "6056717"  <br>"6152909"   "6210366"  <br>"6306124"   "6726063"  <br>"7435236").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>12:46 |
| S168 | 20  | ("1989714"  <br>"20020014499"  <br>"20020121530"  <br>"2103111"   "3527376"  <br>"4749108"   "4969581"  <br>"5033655"   "5115950"  <br>"5409144"   "5676289"  <br>"5927566"   "5971232"  <br>"6089411"   "6089418"  <br>"6089419").PN. OR<br>("6726063").URPN.  | US-PGPUB;<br>USPAT; USOCR                                | OR | ON | 2011/01/18<br>13:04 |
| S169 | 79  | ("0274447"   "3331371"  <br>"3438375"   "3459175"  <br>"3503400"   "3731670"  <br>"3756243"   "3758073"  <br>"3768102"   "3812841"  <br>"3841304"   "3865666"  <br>"3924634"   "3959429"  <br>"3967645"   "3977408"  <br>"3985601"   "4026298"  <br>"4089337"   "4188954"  <br>"4210478"   "4222384"  <br>"4225371"   "4284459"  <br>"4335723"   "4432757"  <br>"4457299"   "4553959"  <br>"4587954"   "4643169"  <br>"4710169"   "4813935"  <br>"4822333"   "4846784"  <br>"4932938"   "4946449"  <br>"4968294"   "5030199"  <br>"5041092"   "5078676"  <br>"5090424"   "5114398"  <br>"5131906"   "5224938"  <br>"5226890"   "5234409"  <br>"5306226"   "5350363"  <br>"5360402"   "5395352"  <br>"5409464").PN. OR | US-PGPUB;<br>USPAT; USOCR                                | OR | ON | 2011/01/18<br>13:05 |

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|      |     | ("5707357").URPN.  |  |    |    |                     |
| S170 | 201 | S166 not hemostasis  | US-PGPUB;<br>USPAT; USOCR                                | OR | ON | 2011/01/18<br>13:09 |
| S171 | 1   | "604".clas. and (slit with valve) and (valve with pressure with activated) and (curv\$3 with straight with slit)                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>13:16 |
| S172 | 17  | "604".clas. and (slit with valve) and (curv\$3 with straight with slit)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>13:16 |
| S173 | 2   | "6371675".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>13:17 |
| S174 | 91  | "604".clas. and (slit with valve) and (curv\$3 with slit)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>13:19 |
| S175 | 12  | ((KARLA) near2 (WEAVER)).INV.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>13:33 |
| S177 | 156 | ((PAUL) near2 (DICARLO)).INV.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>13:33 |
| S179 | 720 | 604/247.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>13:33 |
| S181 | 26  | S179 and (curv\$3 with slit)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/01/18<br>13:47 |
| S182 | 10  | navilyst near2 medical.as.   | US-PGPUB;<br>USPAT; USOCR                                | OR | ON | 2011/01/20<br>07:31 |
| S183 | 4   | ("3159175").URPN.  | USPAT  | OR | ON | 2011/10/06<br>14:05 |
| S184 | 27  | ("2941544"   "3007527"   "3023767"   "3151626"   "3159175"   "3186643"   "3303800"   "3696958"   "3811466").PN. OR ("4003398").URPN. | US-PGPUB;<br>USPAT; USOCR                                | OR | ON | 2011/10/06<br>14:07 |
| S185 | 6   | (US-20060138179-\$).did. or (US-5944698-\$ or US-5353501-\$ or US-4244379-\$ or US-3159175-\$ or US-3007527-\$).did.                 | US-PGPUB;<br>USPAT                                       | OR | ON | 2011/10/06<br>15:07 |

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| S186 | 111 | (US-20090149820-\$ or US-20080097341-\$ or US-20060276758-\$ or US-20060184139-\$ or US-20060138179-\$ or US-20050283122-\$ or US-20050205142-\$ or US-20050171510-\$ or US-20050171502-\$ or US-20050171490-\$ or US-20050171489-\$ or US-20050171488-\$ or US-20050165364-\$ or US-20050043703-\$ or US-20050027261-\$ or US-20050010176-\$ or US-20040267185-\$ or US-20040206776-\$ or US-20040193118-\$ or US-20040186444-\$ or US-20040176743-\$ or US-20040102738-\$ or US-20040068239-\$ or US-20030222238-\$ or US-20030171721-\$ or US-20030125673-\$).dtd. or (US-20030017068-\$ or US-20030014015-\$ or US-20020156430-\$ or US-20020121530-\$ or US-20010049501-\$ or US-20010049499-\$).dtd. or (US-RE26235-\$ or US-7261221-\$ or US-7252652-\$ or US-7081106-\$ or US-6986742-\$ or US-6981966-\$ or US-6932795-\$ or US-6916133-\$ or US-6896002-\$ or US-6843780-\$ or US-6796971-\$ or US-6796965-\$ or US-6740060-\$ or US-6733917-\$ or US-6726063-\$ or US-6706022-\$ or US-6695173-\$ or US-6669673-\$ or US-6638258-\$ or US-6632200-\$ or US-6610031-\$ or US-6536631-\$ or US-6390130-\$ or US-6390120-\$ or US-6371675-\$ or US- | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT | OR | ON | 2011/10/06<br>15:20 |
|------|-----|---|--|----|----|---------------------|

|      |    |  |                    |    |    |                     |
|------|----|--|--------------------|----|----|---------------------|
|      |    | 6364861-\$).did. or (US-<br>6342046-\$ or US-<br>6306124-\$ or US-<br>6165168-\$ or US-<br>5997527-\$ or US-<br>5984902-\$ or US-<br>5944698-\$ or US-<br>5928203-\$ or US-<br>5919224-\$ or US-<br>5848997-\$ or US-<br>5819984-\$ or US-<br>5743884-\$ or US-<br>5727594-\$ or US-<br>5720734-\$ or US-<br>5707357-\$ or US-<br>5643227-\$ or US-<br>5453097-\$ or US-<br>5396925-\$ or US-<br>5353501-\$ or US-<br>5312363-\$ or US-<br>5299877-\$ or US-<br>5295658-\$ or US-<br>5267979-\$ or US-<br>5205834-\$ or US-<br>5167638-\$ or US-<br>5147318-\$ or US-<br>5104389-\$ or US-<br>5030210-\$).did. or (US-<br>5009391-\$ or US-<br>5000745-\$ or US-<br>4946448-\$ or US-<br>4898581-\$ or US-<br>4895346-\$ or US-<br>4883456-\$ or US-<br>4685654-\$ or US-<br>4673393-\$ or US-<br>4610665-\$ or US-<br>4553959-\$ or US-<br>4447237-\$ or US-<br>4244379-\$ or US-<br>4084606-\$ or US-<br>4003398-\$ or US-<br>3955594-\$ or US-<br>3853127-\$ or US-<br>3811466-\$ or US-<br>3696958-\$ or US-<br>3674183-\$ or US-<br>3525357-\$ or US-<br>3159175-\$ or US-<br>3007527-\$).did. or (US-<br>3241726-\$ or US-<br>1989714-\$).did. or (WO-<br>2004026721-\$).did. or<br>(US-20030014015-\$).did. |                    |    |    |                     |
| S187 | 15 | S186 and gasket  | US-PGPUB;<br>USPAT | OR | ON | 2011/10/06<br>15:21 |

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| S188 | 36  | "604".clas. and (slit with valve) and (gasket with silicone) and pressur\$4 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/10/06<br>15:26 |
| S189 | 32  | "604".clas. and (slit with valve) and (gasket with silicone) not hemostasis | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/10/06<br>15:28 |
| S190 | 246 | "604".clas. and ((o adj ring) with silicone)                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/10/06<br>15:32 |
| S191 | 6   | "604".clas. and ((o adj ring) with silicone with gasket)                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/10/06<br>15:34 |
| S192 | 0   | S186 and (rubber with neoprene with silicone)                               | US-PGPUB;<br>USPAT                                       | OR | ON | 2011/10/06<br>15:37 |
| S193 | 0   | S186 and (neoprene with silicone)   | US-PGPUB;<br>USPAT                                       | OR | ON | 2011/10/06<br>15:37 |
| S194 | 27  | S186 and (rubber with silicone)   | US-PGPUB;<br>USPAT                                       | OR | ON | 2011/10/06<br>15:37 |
| S195 | 100 | "604".clas. and (slit with valve) and (curv\$3 with slit)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/10/06<br>15:44 |
| S196 | 100 | S195  | US-PGPUB;<br>USPAT                                       | OR | ON | 2011/10/06<br>15:44 |
| S197 | 14  | ((KARLA) near2 (WEAVER)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/10/06<br>15:44 |
| S199 | 173 | ((PAUL) near2 (DICARLO)).INV.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/10/06<br>15:44 |
| S201 | 743 | 604/247.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/10/06<br>15:44 |

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